

Position of Associate or Full Professor in Ophthalmology

Maisonneuve-Rosemont Hospital Research Center and University of Montreal

The Maisonneuve-Rosemont Hospital Research Center (*Centre de recherche de l'Hôpital Maisonneuve-Rosemont*, CR-HMR) and the University of Montreal are seeking applications for an **Associate or Full Professor position**. We are looking for an internationally recognized leader in **vision health research**. This recruitment is coupled with the appointment to the Léopoldine A. Wolfe Chair in Clinical/Translational Research for the Prevention of Age-Related Macular Degeneration at the University of Montreal. Therefore, the candidate must hold an M.D., be a clinician-researcher, and their clinical or translational research must focus on the prevention of blindness caused by age-related macular degeneration. The candidate should demonstrate strong leadership, the ability to interact with both clinicians and researchers, share the vision of excellence of the CR-HMR, exhibit a collaborative spirit, and value mentorship.

The CR-HMR is a leading academic institution affiliated with the University of Montreal, located within Maisonneuve-Rosemont Hospital (*Hôpital Maisonneuve-Rosemont*, HMR), one of the largest hospitals in Quebec serving over 500,000 residents. HMR houses the University of Montreal's Ophthalmology Center (*Centre universitaire d'ophtalmologie*, CUO), a renowned hematopoietic stem cell transplantation center, and Quebec's largest dialysis center. In addition, the HMR has always made community health a priority. These clinical and research expertise, recognized nationally and internationally, are directly linked to the four main research axes of CR-HMR: vision health, immunology-oncology, nephrology, and evaluative research and patient experience.

The CUO team includes more than 35 active and associate members working in all areas of tertiary and quaternary ophthalmology. Annually, over 90,000 patients receive ophthalmology care and nearly 10,000 surgeries (cataracts, tertiary and quaternary surgeries) are performed. The CUO's clinician-researchers work closely with basic researchers in vision health.

CR-HMR is recognized as the primary site for fundamental and translational research of the University of Montreal's Department of Ophthalmology, hence its designation as CUO in 2016. Substantial investments from the University of Montreal, the Canadian Foundation for Innovation, the Maisonneuve-Rosemont Hospital Foundation, and private sources have established state-of-the-art infrastructure and modern laboratories for vision health research. Researchers in this field are highly involved in the Quebec Vision Health Research Network (*Réseau de recherche en santé de la vision*, RRSV) of the *Fonds de recherche en santé du Québec* (FRSQ), and the CUO hosts the Quebec Eye Bank (*Banque d'yeux du Québec*, BYQ) since its inception in 1966.

The critical mass of 15 vision health researchers, including 7 basic researchers (3 Canada Research Chairs, 3 philanthropic Chairs, and one professorship), 5 clinician-researchers, and 3 associate researchers, is closely connected to the 35 ophthalmologists at HMR (25 active members and 10 associate members), the paramedical staff, and ocular photographers, as well as nearly 100,000 patients treated or operated on annually. The synergy of fundamental, translational, and clinical research certainly creates a fertile ecosystem for significant technological advancements and strategically positions both the hospital and the research center on the national and international stage.

Vision health research focuses on the following areas: a) vascular diseases of the retina, including retinopathy of prematurity and diabetic retinopathy; b) corneal diseases and transplantation, with an emphasis on biomaterials and improved surgical techniques; c) technological developments for the screening and surgical treatment of eye diseases; d) neurodegenerative diseases, primarily age-related macular degeneration and glaucoma; and e) applications of artificial intelligence for screening and clinical decision-making. Due to its hospital-based positioning, CR-HMR leverages its research teams' innovations for public health benefits, utilizing cutting-edge technologies.

This academic position is attached to the Department of Ophthalmology at the University of Montreal, where Professor Ian MacDonald is the Department Chair. The University of Montreal, in collaboration with its affiliated schools, HEC Montreal and Polytechnique Montreal, is the main center for higher education in Quebec. With 13 faculties and schools, the University of Montreal is one of the top 5

research universities in Canada and ranks 88th among the world's best universities according to Times Higher Education. It also boasts a network of 11 affiliated hospitals and research institutes, including

CR-HMR. With 10,000 international students out of a total of over 45,000 and 450,000 alumni worldwide, the University of Montreal is the 3rd most international university in Canada according to Times Higher Education. This rich, diverse academic environment is a driver of its international research recognition.

****Responsibilities****

- Secure research funding from provincial and federal funding agencies to lead an innovative and productive vision health research program.
- Mentor graduate students.
- Actively participate in the academic life of CR-HMR and the University of Montreal network.
- Provide mentorship to junior researchers.
- Facilitate and lead structural collaborations within CR-HMR and the University of Montreal.
- Ensure national and international visibility of research work.

****Requirements****

- M.D. degree.
- Minimum of 6 years of experience as a laboratory director.
- Excellent publication record demonstrating international recognition in the field of ophthalmology.
- Adequate knowledge of the French language or willingness to learn through the French language learning support program offered by the University of Montreal, in accordance with the University's Language Policy.

****Specifics****

This recruitment is jointly managed by CR-HMR and the University of Montreal. The candidate will establish his research activities at CR-HMR. The Professor title is overseen by the Department of Ophthalmology at the University of Montreal.

****Application Submission****

Applications should include a cover letter outlining your interest in establishing your research laboratory at CR-HMR. Please attach your CV and a description of your research program (3 pages). Submit your application by email to nathalie.ross.cemtl@ssss.gouv.qc.ca, addressed to:

Sylvie Lesage, PhD
Scientific Director
Research Center of Maisonneuve-Rosemont
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Montreal (Quebec) H1T 2M4

****Application Deadline: March 1, 2025**

****Compensation:** The University of Montreal offers a competitive salary with a full range of benefits. CR-HMR, through the Maisonneuve-Rosemont Hospital Foundation, provides laboratory start-up funds. The successful candidate will hold the Léopoldine A. Wolfe Chair for a five-year, renewable term.

****Start Date:** On or after January 1, 2026.